






Melting vessels provided with a cooled bottom electrode

Patent number: DE19925554
Publication date: 2000-12-07
Inventor: SCHUBERT MANFRED (DE); STARKE PETER (DE)
Applicant: SMS DEMAG AG (DE)
Classification:
- international: F27B3/10; H05B7/06; H05B3/03
- european: F27B3/10; F27B3/24; H05B3/03; H05B7/06; H05B7/12
Application number: DE19991025554 19990604
Priority number(s): DE19991025554 19990604

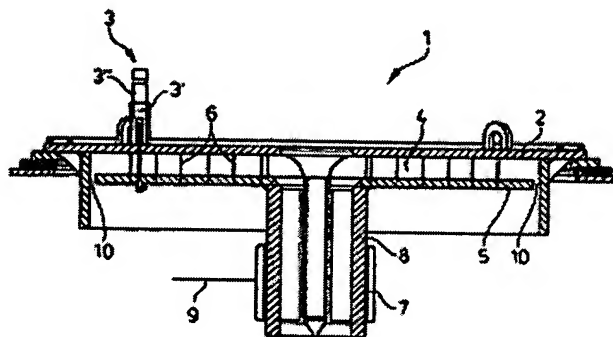
Also published as:

 WO0076275 (A1)
 EP1183914 (A1)
 US6728291 (B1)
 CA2376150 (A1)
 TR200103501T (T2)

[Report a data error here](#)

Abstract of DE19925554

The aim of the invention is to improve the cooling of the bottom electrodes (1) of metallurgical melting vessels. To this end, a cooling plate (5) is situated beneath the support plate (2) on which the contact elements (3) are supported. The cooling plate is set apart from the support plate. This forms a cooling chamber (4) through which a cooling medium flows, the cooling effect of said medium being reinforced by cooling ribs (6). Said cooling ribs are situated in the cooling chamber (4) and are welded to the support plate (2) and preferably, also to the cooling plate (5).



Data supplied from the **esp@cenet** database - Worldwide